

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A brush part for an electric toothbrush, the brush part comprising
a carrier tube;
a drive translator movably mounted within the carrier tube and ~~adapted to be coupled~~
couplable to a drive in an electric toothbrush handle part; and
a bristle carrier movably mounted to the carrier tube and carrying a set of bristles, the
bristle carrier ~~adapted to be driven~~ drivable in an oscillatory manner by the drive translator;
wherein the drive translator defines an interior fluid supply channel forming part of a
fluid path providing fluid communication to the bristle set.
2. (Previously Presented) The brush part according to claim 1 wherein the drive
translator is constructed as a hollow shaft mounted in the carrier tube for rotation about a
longitudinal axis of the drive translator, and having at an end thereof a coupling member
configured to couple the drive translator to a drive element of the handle part, said coupling
member comprising a fluid coupling through which the fluid channel of the drive translator is
connectible with a fluid channel in the interior of the drive element of the handle part.
3. (Previously Presented) The brush part according to claim 1 wherein the fluid supply
channel of the drive translator provides fluid communication to a pressure fluid outlet orifice
defined in the movable bristle carrier, said orifice communicating with a pressure fluid supply
channel defined in a bearing pin of the bristle carrier.

4. (Previously Presented) The brush part according to claim 1 wherein the carrier tube defines a pressure fluid supply channel connecting fluid supply channel of the drive translator with a pressure fluid channel defined in the bristle carrier.

5. (Previously Presented) The brush part according to claim 1 wherein the path providing fluid communication to the bristle carrier is free of flexible tubes and is formed exclusively in components of the brush part that serve other functions in addition to providing hydraulic communication.

6. (Currently Amended) A handle part of an electric toothbrush configured to drive a removable brush part, the handle part comprising:

a handle part housing;

a motor having a motor shaft, ~~wherein the motor is located and disposed~~ within the handle part housing;

a drive element operably connected to the motor shaft through a gear step and adapted to be positioned to drive an associated removable coupled to a drive element in the brush part; and

~~a gear step configured to couple the drive element to a drive element of the brush part;~~

~~a pressure fluid conveying device operably connected to pump driven by the motor, wherein the pressure fluid conveying device defines motor shaft and defining a fluid outlet and is located between the motor and the gear step; and~~

~~a common drive element wherein both the pump and that drives the pressure fluid conveying device together with the gear step are driven by a driver connected to the motor drive shaft, the pump being disposed between the motor and the gear step; and~~

wherein the drive element defines a pressure fluid channel in fluid communication with the pump.

7. (Currently Amended) The handle part according to claim 6, ~~the handle part further~~ comprising

a first eccentric element connected to the motor shaft, wherein the ~~pressure fluid conveying device pump~~ is seated on the eccentric element; and

a second eccentric element located on the ~~pressure fluid conveying device pump~~ for driving the gear step.

8. (Currently Amended) The handle part according to claim 6 wherein the ~~pressure fluid conveying device pump~~ is an air pump.

9. (Canceled).

10. (Canceled).

11. (Currently Amended) The handle part according to claim 6, ~~the handle part further~~ comprising

a flexible tube connecting the drive element to the fluid outlet ~~defined in~~ of the ~~pressure fluid conveying device pump~~; and

a connecting rod ~~for driving~~ that drives the drive element, wherein the connecting rod is in fluid communication with the flexible tube.

12. (Currently Amended) The handle part according to claim 6 wherein the ~~pressure fluid conveying device pump~~ comprises a pump casing separate from the handle part housing.

13. (Currently Amended) The handle part according to claim 6 wherein the handle part housing ~~further~~ comprises a connector for the releasable fastening of a carrier tube of the brush part, said connector being free from a drive coupling and free from a pressure fluid coupling.

14. (Canceled)

15. (Previously Presented) The brush part according to claim 3 wherein the pressure fluid outlet orifice defined in the movable bristle carrier is located in the bristle set.

16. (Currently Amended) The brush part according to claim 1, ~~the brush part~~ further comprising a pivot pin defining a hollow core[[,]] and configured to rotatably mounting the bristle carrier on the carrier tube.

17. (Previously Presented) The brush part according to claim 4 wherein the pressure fluid channel defined in the bristle carrier has first and second ends, the first end terminating in a bearing section for carrying the drive translator and the second end terminating in a bearing section for carrying the bristle carrier.

18. (Currently Amended) A replacement brush head ~~configured to be received by~~ for an electric toothbrush handle, the brush head comprising

a carrier tube;

a drive translator movable within the carrier tube and having a first end ~~configured to be operably coupled~~ couplable to a drive of the an electric toothbrush handle;

a bristle carrier movably mounted on the carrier tube and carrying a set of bristles-(20), the bristle carrier operably connected to, and ~~adapted to be driven~~ drivable in oscillatory manner by, the drive translator;

wherein the drive translator defines a passage therein, the passage forming a part of a fluid supply channel providing fluid communication between the first end of the drive translator and the bristle carrier, such that fluid pumped into the drive translator from the electric toothbrush handle is delivered to the bristle carrier.

19. (Previously Presented) The handle part of claim 6 wherein the motor drives the drive element in an oscillatory manner.

20. (Previously Presented) The handle part of claim 6 wherein the gear step comprises a four-bar linkage.

Applicant : Bernhard Boland et al
Serial No. : 10/537,022
Filed : May 31, 2005
Page : 6 of 10

Attorney's Docket No.: 02894-716US1 / 06647-

21. (Currently Amended) The handle part of claim [[9]] 6 wherein the pressure fluid channel is defined in a rotatably mounted hollow shaft.

22. (Canceled).